

UVUA PROLONGED UV (SUNLIGHT) RESISTANT CONDUIT UL LISTED

LFMC SEALTITE® UVUA UL LISTED FLEXIBLE CONDUIT



DESCRIPTION

- Liquid tight flexible metal conduit
- Approved for direct burial and in concrete
- Uses standard liquid tight connectors for easy installation
- Protection of 1000 volt and lower potential circuits
- UL certified for temperature ranges -40°F to +176°F (-40°C to +80°C)
- Greatly exceeds UL 360 Sunlight Resistance requirements
- Independently proven durability, after UV exposure over 8 times longer than the UL 360 standard in weatherometer
- A UL listed Stainless Steel core option is available

COMPLIANT WITH NEC ARTICLES

- 300.22 (D) Information Technology Equipment
- 250.102, 250.118(5) and 250.134(B) Equipment Grounding
- Suitable for hazardous locations per NEC Articles
 - 501.10 (B) (2) Class I Div. 2
 - 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
 - 503.10 (A) (3) and (B) Class III Div. 1 & 2
- 350 Liquid tight Flexible Metal Conduit (LFMC)
- 645.5 (E) (2) Under raised floors
- Galvanized steel core with liquid tight PVC jacket

SPECIFICATIONS:

- Color: Black
- Temp. range: -40°F to +176°F (-40°C to +80°C)
- UV (sunlight), corrosion and oil resistant
- UL 360 Approved DXHR.E18917, NEC Article 350 and NFPA 79 (2024 Edition) Section 13.5.4 LFMC

APPLICATIONS:

- Applications where UL approval is required
- Outdoor signs, railroad crossings, ultraviolet lighting, solar panels and wind turbines
- Prolonged exposure to UV light or sunlight

See: www.ul.com www.nfpa.org
www.naed.org www.nema.org



Square-Locked Design with
integral bonding wire 3/8" - 1-1/4"

Interlocked Design 1-1/2" - 4" with
no bonding wire



Trade Size (mm)	Item ID	Std. Pkg. (feet)	Inside Diameter (inches)		Outside Diameter (inches)		Bend Radius (inches)	Weight (lbs/100 ft)	Packages per Pallet
			Min	Max	Min	Max			
3/8" (12)	31002	100	0.484	0.504	0.690	0.710	3.0	25	48
1/2" (16)	31012	100	0.622	0.642	0.822	0.840	3.5	29	48
3/4" (21)	31022	100	0.820	0.840	1.030	1.050	5.0	44	32
1" (27)	31031	100	1.041	1.066	1.290	1.315	6.3	73	24
1-1/4" (35)	31041	50	1.380	1.410	1.630	1.660	7.0	100	24
1-1/2" (41)	31051	50	1.575	1.600	1.865	1.900	5.5	112	10
2" (53)	31061	50	2.020	2.045	2.340	2.375	7.0	148	10

FITTINGS FINDER



IP 66/67 with approved fittings